

**What is claimed is :**

1. An artificial miniature landscape model with three dimensionally colored LEDS is essentially composed of a plurality of automatic color variable LEDS, metallic conductor submains, heat shrink bushings or heat resisting insulation tube plugs, externally or internally threaded tube connectors, electrical insulation conductors, a low voltage rectifier, flowers, leaf blades, fruits, birds, butterflies, coniferous Christmas trees formed into molded transparent resin structures, and pots.

Wherein it is characterized in that said LEDS are sealed in said molded transparent resin structure with a certain properly inclined angle, said submains of the potted plant are constructed of a plurality of various sized (diameters) copper tubes bent and welded, and being assembled section by section with screw engaging;

The root of a trunk of said potted plant is provided with two flanges and is fixed into said pot with a binder made of mixed resin and ballasts, the electricity is supply from a low voltage rectifier via a power supply switch to said LEDS.

2. The landscape model of claim 1, wherein a plurality of LEDS are sealed in a molded transparent resin structure formed between a leaf stalk and a leaf blade, a cone or a funnel shaped molded transparent resin structure is formed at the bottom of the leaf stalk and provided with an aperture in correspondence with a U or V aperture along the leaf blade of a real plant.

3.The landscape model of claim 1, wherein a plurality of R.G.B original color light emission dies and their control IC are implanted by silver solering directly on the PCB or the FPC using an automatic implanter, then afterwards, both the light emission  
5 dies and the control IC are covered with a epoxy resin cover formed into a semi-spherical light focusing structure or a convexed rectangular light diffusing structure, the negative copper foil formed on the rear surface of the PCB or the FPC is welded to the upper terminal of an internally or externally thread tubular  
10 connector, an A type connector, or a B type connector, alternatively it can be bolted to or fitted into the submain tube end.

4.The landscape model of claim 1, wherein the molded transparent resin structure can be entirely or partially sand sprayed  
15 to form a foggy surface, or partially color painted, or partially semi-transparently color sprayed so as to create an effect of layering color variation. Incidentally, the artificial butterfly feelers may employ optical fibers affixed to its head.

5.The landscape model of claim 1, wherein said metallic  
20 tubular submain which being a bunch of a plurality of flexible and various sized metallic copper conductor tubes, copper alloy tubes, or metal plated (silver or tin) tubes welded together, the positive terminal pins of the LED which being parallelly welded with a slim electrical insulation conductor is inserted into a heat shrink  
25 insulation bushing.

6.The landscape model of claim 1, wherein said the metallic

tubular submain is formed of a plurality of flexible various sized  
copper bars, the slim electrical insulation conductor pierces  
through the large aperture opened at the upper portion of an  
internally threaded copper alloy connector and twists along the  
5 submain to enter the pot. the diameter of the submain is enlarged  
by wrapping the electrical insulation conductors with a cotton tape  
and the copper bar for several layers, and then coating with  
colored resin painting or the mixture of resin painting and stone  
power.

10 7.The landscape model of claim 1, wherein said pot is divided  
into an upper and a lower chambers, two flanges formed with said  
upper chamber is fixed with a binder made of a mixture of resin  
and ballasts, said lower chamber is for accommodating said power  
supply switch and a base connector, said low voltage rectifier is  
15 accommodated in said lower chamber or placed externally.

8.The landscape model of claim 1, Wherein the positive  
terminal pins of the LEDS which being connected in parallel are  
welded on a copper foil at the upper surface of the PCB; while the  
negative terminal pins of the LEDS are welded to the negative side  
20 the copper foil formed on the rear edge surface of the PCB, the  
connector is fitted into the receptacle so as to insert the positive  
terminal pin into the inner tube, the lower end of the inner tube is  
welded to the electrical insulation conductor so as to form a  
positive tube conductor, while the bottom edge of the A receptacle  
25 32 is welded or screw engaged to the metallic tubular submain so  
as to provide a negative conductor.

9.The landscape model of claim 8, wherein the electrical connection is performed employing plug connector and receptacle mating including A and B types, wherein said A connector is mated to said A receptacle; while said B connector is engaging its outer edge groove with said B receptacle's inner flange.

10.The landscape model of claim 8, wherein said molded resin structure of said trunk is made of a mixture of colored resin and a stone powder, or a foggy semi-transparent resin, a PCB for said LEDS is sealed in the bottom portion thereof and is welded to the wall of said trunk root.

11.The landscape model of claim 8, wherein said pistil is connected to and stuck at the center portion of the molded flower structure near the head of the LEDS with an optical fiber, the color light is directed by the optical fiber to its exposed round head.

12.The landscape model of claim 1, wherein said the root of a trunk of potted plant its root into a receptacle whose inner hole is jointed to the positive terminal pins of the negative copper alloy tube, a welding terminal plate belonging to the positive terminal pins is connected to the power supply switch, the trunk entrains a decorative foliage on its top, and its root is inserted into the negative copper alloy tube which is fixed with nut and washer combination to a hole formed on the negative metallic base plate, and the root of the trunk and the negative copper alloy tube are firmly pressed together with a coil spring, with this arrangement, the trunk entraining various flowers and foliage can be sustained on the pot.

13.The landscape model of claim 12, wherein said the trunk is inserted into and welded to the through hole of the base plate, or screw to the formed on a copper foil at the upper surface of the PCB, the electrical insulation conductors to one positive terminal  
5 of the power supply switch, the negative terminal thereof is connected to the positive terminal of the base connector.

14.The landscape model of claim 12, wherein said an elongated strip shaped hard or soft circuit board is installed in the molded transparent resin structure, the negative copper foil of the circuit  
10 board is welded to a copper alloy clamp which is clamped to a base plate with a screw nut. For those medium sized flower, leaf blade etc. a flexible irregular circuit board is sealed in the molded structure and fitted to the receptacles or screw engaged to the submain tube end.

15 15.The landscape model of claim 12, wherein said hair like artificial coniferous pine leaves or spadix flowers may be formed of the optical fibers whose one end is bound to the molded transparent resin structure, a pistil is connected to and stuck at the center portion of the molded flower structure near the head of the  
20 LEDS with an optical fiber, the color light is directed by the optical fiber to its exposed round head.

16.The landscape model of claim 1, wherein said this embodiment comprises a bonsai pot , a water basin placed beneath the bonsai pot, the weight of water basin is sustained with its barrier plate  
25 which also capable of positioning the water basin not to move. the water basin also has a lid, the metallic tubular submain are fixed

on the lower chamber to one positive terminal of the power supply switch, the negative terminal thereof is connected to the positive terminal of the base connector

17.The landscape model of claim 16, wherein said bonsai pot  
5 molded of a mixture of resin with stone powder and fiber glass, a  
spong and sponge groove on on the bonsai pot, a hole on sponge  
groove.

18.The landscape model of claim 16, wherein said the pond  
contains a fog generator, refined oil and water in it.

10 19.The landscape model of claim 16, wherein said the water basin  
contains a water level detector, a submergible pump, water, a  
float , and a microswitch.

20.The landscape model of claim 1, wherein the positive and  
negative terminal pins of said LEDs enclosed in said molded resin  
15 structure are welded to the copper foil underneath said PCB, the end of  
said slim copper alloy tube is welded underneath the center portion of the  
copper foil of said PCB, while the other end thereof is fitted into a  
threaded copper alloy connector and being welded thereat, several slim  
copper alloy tube is fixed to a tapped hole of a main tubular connector  
20 which being configurated into an olive shape, a sphere, or a polyhedron,  
the tip of said trunk and the bottom of said main tubular connector is  
jointed by welding or screw engaging, the threaded root of said trunk is  
fitted into a negative metallic base plate and fixed by nut and washer  
combination, a sponge groove is formed between the inner edge of said  
25 pot and the outer edge of an artifact, each slim electric insulation  
conductor is welded to an insulation compressive terminal and then

welded to one terminal of said power supply switch at said pot lower chamber via a main conducting tube, while the other terminal of said power supply switch is connected with the positive terminal of the base connector, said negative metallic base plate which is a negative conductor  
5 is connected with the negative terminal of said base connector.